

REMARKS

This communication is in response to the Office Action dated June 23, 2004. Claims 1-16 are pending in the present Application. Claims 1-16 have been rejected. Claims 1-16 remain pending in the present Application.

102 Rejections

Claims 1 and 9

For ease of review, independent claims 1 and 9 have been reproduced herein below:

1. A system for automatically configuring a first communication interface of a device for connection with an external wireless network, comprising
a communication parameter source external to the device to store communication parameters of the wireless network;
a second communication interface inside the device to communicate with the communication parameter source for the communication parameters;
an interface configuration module coupled to the first and second communication interfaces, wherein the interface configuration module causes the second communication interface to receive the communication parameters, and then configures the first communication interface using the communication parameters such that the device can be connected to the wireless network.
9. A method of automatically configuring a communication interface of a device for connection with an external wireless network, comprising:
 - (A) providing a second communication interface inside the device;

(B) causing the second communication interface to communicate with an external communication parameter source for the communication parameters, wherein the communication parameter source stores the communication parameters of the wireless network;

(C) configuring the first communication interface with the communication parameters received such that the device can be automatically connected to the wireless network.

The Examiner states:

Claims 1, 4, 6, 8-11 and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Barrett et al (US-6,167,280).

Applicant respectfully disagrees with the Examiners rejection. The present invention includes a system for automatically configuring a first communication interface of a device for connection with an external wireless network. The system includes a communication parameter source external to the device to store communication parameters of the wireless network and a second communication interface inside the device to communicate with the communication parameter source for the communication parameters. The system also includes an interface configuration module coupled to the first and second communication interfaces, wherein the interface configuration module causes the second communication interface to receive the communication parameters, and then configures the first communication interface using the communication parameters such that the device can be connected to the wireless network.

The Examiner asserts that claims 1 and 9 are anticipated by the Barrett reference. Applicant respectfully disagrees. Barrett does not disclose a second

communication interface inside the device to communicate with the communication parameter source for the communication parameters as recited in claims 1 and 9 of the present invention. Under Barrett, in a wireless telecommunications system, a subscriber unit transmits a request for a data connection to cellular infrastructure equipment, wherein the data connection is between the requesting subscriber unit and a data receiver coupled to the cellular infrastructure equipment via a public switched telephone network. In response to the transmitted request, data connection configuration parameters stored in the cellular infrastructure are selected, and the data connection is configured according to the selected data configuration parameters.

Applicant asserts that the recited invention of claims 1 and 9 is distinguishable from the Barrett reference from a broad perspective in the sense that *the recited invention provides a mechanism that allows transparent usage of a wireless communication link whereas the Barrett reference provides a mechanism for connecting to cellular infrastructure equipment.* Claim 1 for example recites "...an interface configuration module coupled to the first and second communication interfaces, wherein the interface configuration module causes the second communication interface to receive the communication parameters, and then configures the first communication interface using the communication parameters such that the device can be connected to the wireless network...". The Examiner states that Barrett discloses a second communication interface inside the device to communicate with the communication parameter

source for the communication parameters (see fig. 2 element 44, 48 col. 4, lines 62-63 and its description). Applicant respectfully disagrees.

Element 44 of Figure 2 of Barrett shows a subscriber unit (i.e. a cellular phone) coupled to a computer 48. Not seen in Figure 2 or in the description thereof is a second communication interface inside the device to communicate with the communication parameter source for the communication parameters as recited in claim 1 and 9 of the present invention.

Furthermore, Applicant asserts that Barrett does not disclose an integration configuration module as recited in the present invention. Claim 1 recites “an interface configuration module coupled to the first and second communication interfaces, wherein the interface configuration module causes the second communication interface to receive the communication parameters, and then configures the first communication interface using the communication parameters such that the device can be connected to the wireless network. The Examiner asserts that the aforementioned interface configuration module is inherent in element 44 of Barrett. Applicant respectfully disagrees.

According to Barrett, the data parameters are configured in the cellular infrastructure 46 (see the Abstract of Barrett). Since the data parameters are configured in the cellular infrastructure, Applicant fails to grasp how the recited interface configuration module would be inherent in element 44 of Barrett. If anything, the interface configuration module would be inherent in the cellular infrastructure of Barrett. Applicant accordingly asserts that the Barrett reference does not disclose the recited interface configuration module of claim 1.

Applicant therefore states that the recited invention of independent claims 1 and 9 is patentably distinguishable from the Barrett reference based on a two-fold argument. First, the Barrett reference does not disclose a second communication interface inside the device to communicate with the communication parameter source for the communication parameters as recited in claims 1 and 9 of the present invention. Second, the Barrett reference does not disclose the recited interface configuration module of claims 1 and 9. Consequently, the Barrett reference does not anticipate the recited invention of independent claims 1 and 9. Claim 1 and 9 are therefore allowable over the Examiner's rejection.

Claims 4, 6, 8 and 10, 11 and 14

Since claims 4, 6, 8 and 10, 11 and 14 are respectively dependent on claims 1 and 9, the above-articulated argument with regard to claims 1 and 9 apply with equal force to claims 4, 6, 8 and 10, 11 and 14. Accordingly, claims 4, 6, 8 and 10, 11 and 14 should be allowed over the Examiner's proposed rejection.

103 Rejections

Claims 2 and 16

The Examiner states:

Claims 2 and 16 are rejected under 35 USC 103(a) as being unpatentable over Barrett et al. (6,167,280).

Applicant respectfully disagrees. When making an obvious rejection under 35 U.S.C. § 103, a necessary condition is that the reference or combination of the cited references *must teach or suggest all claim limitations*. (Emphasis added.) If the cited reference(s) do not teach or suggest every element of the claimed invention, then the cited reference(s) fail to render obvious the claimed invention, i.e. the claimed invention is distinguishable over the combination of the cited reference(s). Applicant accordingly disagrees with the Examiner's obvious rejection.

As previously articulated, the recited invention of independent claims 1 and 9 is distinguishable from the Barrett reference based on the above-delineated two-fold argument. Applicant further asserts that the patentably distinguishable elements that form the basis of the two-fold argument (i.e. a second communication interface inside the device and the integration module) are neither taught nor suggested by the Barrett reference.

Since claims 2 and 16 are respectively dependent on claims 1 and 9, the above-articulated argument with regard to claims 1 and 9 apply with equal force to claims 2 and 16. Accordingly, claims 2 and 16 should be allowed over the Examiner's proposed rejection.

Claims 3 and 5

The Examiner states:

Claims 3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Barrett in view of Phillips.

Applicant respectfully disagrees. Again, the recited invention of independent 1 is distinguishable from the Barrett reference based on the above-delineated two-fold argument. Applicant further asserts that the patentably distinguishable elements that form the basis of the two-fold argument (i.e. a second communication interface inside the device and the integration module) are neither taught nor suggested by the Barrett reference.

Since claims 3 and 5 are respectively dependent on claim 1, the above-articulated argument with regard to claim 1 applies with equal force to claims 3 and 5. Accordingly, claims 3 and 5 should be allowed over the Examiner's proposed rejection.

Claims 7, 12-13 and 15

The Examiner states:

Claims 7, 12-13 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Barrett in view of Bell.

As previously articulated, the recited invention of independent claims 1 and 9 is distinguishable from the Barrett reference based on the above-delineated two-fold argument. Applicant further asserts that the patentably distinguishable elements that form the basis of the two-fold argument (i.e. a second communication interface inside the device and the integration module) are neither taught nor suggested by the Barrett reference.

Since claims 7, 12-13 and 15 are respectively dependent on claims 1 and 9, the above-articulated argument with regard to claims 1 and 9 apply with equal

force to claims 7, 12-13 and 15. Accordingly, claims 7, 12-13 and 15 should be allowed over the Examiner's proposed rejection.

Applicant believes that this application is in condition for allowance. Accordingly, Applicant respectfully requests reconsideration, allowance and passage to issue of the claims as now presented. Should any unresolved issues remain, Examiner is invited to call Applicant's attorney at the telephone number indicated below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Wendell J. Jones', is written over a horizontal line.

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